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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

LEVITAN, DMITRY

ART UNIT PAPER NUMBER

2662

DATE MAILED: 12/31/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/317,312

Applicant(s)

HEMMINGER, DONALD F.

Examiner

Dmitry Levitan

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

### Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

### Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

Applicant's amendment, filed on November 26, has been entered. Claims 1-18 remain pending.

***Claim Rejections - 35 USC § 102***

1. Claims 1, 2 and 4-7 are rejected under 35 U.S.C. 102(e) as being anticipated by Glaser (US 6,072,463).

Regarding claims 1, 6 and 7, Glaser teaches method and apparatus for a conference among multiple computers (plurality of user workstations 12,14, 16 on Fig. 1 and col.3 lines 23-27), comprising a computer-readable storage medium and software means (col.3 lines 44-67 and col. 4 lines 1-13) for loading a common document into the computers (whiteboard working area 60 on Fig. 2 and col. 4 lines 39-55):

- a. Detecting in one computer, the occurrence of scrolling through a document (computer event in whiteboard area 60, including vertical 62 and horizontal 64 scrolling on Fig. 2 and col. 6 lines 53-67, col. 4 lines 50-55);
- b. When said scrolling terminates, ascertaining which part of the document is being displayed by said computer (mouse-button-down-and-coordinates event on col. 6 lines 53-67 and col.7 lines 1-15); and
- c. After the ascertainment, transmitting to the other computers data (information packet 102 on Fig. 9 and col. 5 lines 54-67 and col. 6 lines 1-5), which enables them to display said part of the document (refresh and redraw the conference window on col. 7 lines 15-35).

Regarding claim 2, Glaser teaches that the data consists essentially of location of a group of data within the document (information packet 102 on Fig. 9 and col. 5 lines 54-67, col. 6 lines 1-5).

Regarding claim 4, Glaser teaches all computers linked by a packet-switched network (Fig. 1 and col.3 lines 23-57 and col. 5 lines 54-60).

Regarding claim 5, Glaser teaches maintaining a telephone conference among the participants (microphone/speaker 30a on Fig. 1 and col. 3 lines 57-65).

Regarding claims 11, 15, Glaser teaches accompanying scrolling in one computer by motion of an elevator bar (whiteboard working area 60 including scroll bars 62 and 64 on Fig. 2 and col. 4 lines 50-55).

Regarding claim 12, Glaser teaches scrolling to display different pages at different times (variety of images, such as objects and messages col. 1 lines 26-31).

Regarding claim 13, Glaser teaches selectively displaying parts of the document (whiteboard working area 60 on Fig. 2) while other parts are not displayed (bottom part of the cost document on Fig. 2).

Regarding claim 14, Glaser teaches synchronized browsing of a web site (variety of images col. 1 lines 26-31) to a subset of computers in the group (subset of the group comprising all the group).

### ***Claim Rejections - 35 USC § 103***

2. Claims 3 and 8-10, 17, 18, are rejected under 35 U.S.C. 103(a) as being unpatentable over Glaser in view of Furst (US 6,297,819).

Glaser substantially teaches all claim limitation of 1 and 8, including packet-switched network, synchronized browsing to some (all) computers of the group and displaying elevator bar.

Glaser does not teach computer navigating and document loading from a web site.

Furst teaches computer navigating (navigation buttons 412 on Fig. 4A and col. 9 lines 18-24, col. 8 lines 5-15) and document loading from web sites (col.1 lines 8-22). It would be obvious to one of ordinary skill in the art at the time the invention was made to add navigation and web loading of Furst to the system of Glaser to increase the system speed and add more information sources.

### ***Response to Arguments***

3. Applicant's arguments filed November 26, 2002 have been fully considered but they are not persuasive.

On page 7 of the Response, Applicant argues that scroll bars 62 and 64 are located outside the whiteboard area.

Examiner respectfully disagrees.

The scroll bars are clearly shown on Fig. 2-7 as part of the whiteboard area 60, the disclosed coordinates messaging (col. 7 lines 15-30) works perfectly in the scroll bars area and there is no other purpose for the scroll bars but to be used in the whiteboard area.

On page 8 of the Response, Applicant argues that simultaneous use of the scroll bars by several parties will create an impossible mode of operation.

Examiner respectfully disagrees.

The impossible mode, described by Applicant is similar to a situation at the telephone conference call when several parties start talking simultaneously. This problem is usually resolved as the participants agree to talk in turns. Glaser system comprises interactive voice exchange and gives an opportunity to the participants to agree on who will lead and who will listen.

On page 9 of the Response, Applicant argues that Glaser flow charts on Figures 11-13 do not discuss actuating scroll bars.

Examiner respectfully disagrees.

Glaser teaches on Fig. 13, step 410, updating of the location information on the receiving computer (col. 9 lines 14-18).

On page 12 of the Response, Applicant argues that Glaser system scrolling is limited to whiteboard area and not cover entire computer screen. Examiner believes that this issue is irrelevant as it was not directly claimed.

On page 14 of the Response, Applicant argues that Furst did not disclose navigating. Examiner respectfully disagrees.

Furst discloses navigation as described by applicant using links (col. 1 lines 40-51).

On page 14 of the Response, Applicant argues that Glaser disclose scrolling and it is contrary to claim 3, reciting navigating without scrolling.

Examiner respectfully disagrees.

Glaser activates scrolling when the pointer is located in the scroll bars area, the rest of whiteboard area can use navigating as disclosed by Furst.

On page 15 of the Response, Applicant argues that no teaching has been given to combine the references.

Examiner respectfully disagrees.

Both references are disclosing computer networks for parallel document or web display representing a type of video conferencing. Adding system of Furst to the system of Glaser will increase the speed of the system as navigating (jumping to another screen) is faster than scrolling

when an additional information is required during presentation; and add web loading feature as additional information source.

On page 17 of the Response, Applicant requests the definition of "the data" in claim 3 of the combined reference.

Examiner interpreted "the data" as link disclosed by Furst on col. 1, lines 40-51.

On page 18 of the Response, Applicant requests to identify scrolling without intermediate position in Glaser system.

Glaser system transmits the pointer position data to other participating computers without any intermediate positions (col. 7 lines 1-15).

Examiner therefore believes that the cited references meet all the claims limitations and the rejection is proper.

### ***Conclusion***

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

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however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dmitry Levitan whose telephone number is 703-305-4384. The examiner can normally be reached on 8:30 to 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hassan Kizou can be reached on 703-305-4744. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9314 for regular communications and 703-872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4750.

Dmitry Levitan  
Patent Examiner.  
December 16, 2002



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